



ArcelorMittal Bremen GmbH
Postfach 210220
28222 BREMEN
Carl-Benz-Strasse 30
28237 BREMEN
Telefon 0421/6480
Telefax 0421/6482251

A02
CERTIFICATE
A03 Page: 01 / 03
20230007909-00
Inspection certificate 3.1 EN 10204
A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Carl-Benz-Straße 30, 28237 Bremen
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE
DATE
0000294487
27.01.2023
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR. GH31HTH001004
2230046
28.11.2022
A07 CUSTOMER'S ORDER NUMBER
17085/17085/004
A10 PART NUMBER
AMSTRONG355MC_PICKLED

A06.1 CUSTOMER
HTM YHTIOT OY
TIILITEHTAANTIE 23
12310 RYTTYLAE
Finland
A06.2 CONSIGNEE
HTM YHTIOT OY
TIILITEHTAANTIE 23
12310 RYTTYLAE
Finland

PRODUCT: **hot rolled pickled coil**
TERMS OF DELIVERY: **EN 10051 (2010)**

QUALITY: **AMSTRONG@355MC**
S355MC

STANDARD: **AM FCE**
EN 10149-2 (00-09-2013)

JITZ 1.80

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

HTM YHTIOT OY

TIILITEHTAANTIE 23
12310 RYTTYLAE
Finland



ArcelorMittal Bremen GmbH
 Postfach 210220
 28222 BREMEN
 Carl-Benz-Strasse 30
 28237 BREMEN
 Telefon 0421/6480
 Telefax 0421/6482251

A02 CERTIFICATE
 A03 Page: 02 / 03
20230007909-00
 Inspection certificate 3.1 EN 10204
 A05 ORIGINATOR OF THE DOCUMENT
 ArcelorMittal Bremen GmbH
 Carl-Benz-Straße 30, 28237 Bremen
 zeugnisse.bremen@arcelormittal.com
 Telefon 0421/6482813

A09 DISPATCH NOTE
 DATE 0000294487
 27.01.2023
 A08.1 MANUFACTURER'S ORDER NR **2230046**
 DATE 28.11.2022
 AGENCY'S ORDER NR. GH31HTH001004
 A07 CUSTOMER'S ORDER NUMBER
 17085/17085/004
 A10 PART NUMBER
 AMSTRONG355MC_PICKLED

A06.1 CUSTOMER
 HTM YHTIOT OY
 TIILITEHTAANTIE 23
 12310 RYTTYLAE
 Finland
 A06.2 CONSIGNEE
 HTM YHTIOT OY
 TIILITEHTAANTIE 23
 12310 RYTTYLAE
 Finland

PRODUCT: hot rolled pickled coil QUALITY: AMSTRONG@355MC STANDARD: AM FCE
 TERMS OF DELIVERY: EN 10051 (2010) S355MC EN 10149-2 (00-09-2013)

JITZ 1.80

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm
4	5.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	CHEMICAL ANALYSIS																
					C71	C73	C72	C74	C75	C81	C77	C76	C83	C84	C78	C82	C79	C80	C85	As	Sn
					C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %
4	446027	50100	11430	054887	.0694	.0153	.5439	.0094	.0020	.0122	.0287	.0051	.0001	.0036	.0006	.0236	.0212	.0424	.0044	.0010	.0012
				054887	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
4	446027	50200	12280	054887	.0694	.0153	.5439	.0094	.0020	.0122	.0287	.0051	.0001	.0036	.0006	.0236	.0212	.0424	.0044	.0010	.0012
				054887	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
4	446028	50200	12350	054887	.0694	.0153	.5439	.0094	.0020	.0122	.0287	.0051	.0001	.0036	.0006	.0236	.0212	.0424	.0044	.0010	.0012
				054887	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			3		36060																
TOTAL			3		36060																

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST						BENDTEST	SHOCK TEST						
					C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
					PR °	MAZ	Temp °C	yield p. Re MPa	strength Rm MPa	A55mm %	Fa	S0 cm ²	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
4	446027	50100	11430	054887	0	F	20	407	490	34	1	.8	0	-20	208	208	216	210
				054887	90	F	20	414	485	31.5								
4	446027	50200	12280	054887	0	F	20	407	490	34	1	.8	0	-20	208	208	216	210
				054887	90	F	20	414	485	31.5								
4	446028	50200	12350	054887	0	F	20	405	488	34	1	.8	0	-20	196	192	206	198
				054887	90	F	20	411	484	31.5								
			3		36060													
TOTAL			3		36060													

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
---	---	-------------------------	--



ArcelorMittal Bremen GmbH
 Postfach 210220
 28222 BREMEN
 Carl-Benz-Strasse 30
 28237 BREMEN
 Telefon 0421/6480
 Telefax 0421/6482251

A02 CERTIFICATE
 A03 Page: 03 / 03
20230007909-00
 Inspection certificate 3.1 EN 10204
 A05 ORIGINATOR OF THE DOCUMENT
 ArcelorMittal Bremen GmbH
 Carl-Benz-Straße 30, 28237 Bremen
 zeugnisse.bremen@arcelormittal.com
 Telefon 0421/6482813

A09 DISPATCH NOTE
 DATE 0000294487
 27.01.2023
 A08.1 MANUFACTURER'S ORDER NR **2230046**
 DATE 28.11.2022
 AGENCY'S ORDER NR. GH31HTH001004
 A07 CUSTOMER'S ORDER NUMBER
 17085/17085/004
 A10 PART NUMBER
 AMSTRONG355MC_PICKLED

A06.1 CUSTOMER
 HTM YHTIOT OY
 TIILITEHTAANTIE 23
 12310 RYTTYLA
 Finland
 A06.2 CONSIGNEE
 HTM YHTIOT OY
 TIILITEHTAANTIE 23
 12310 RYTTYLA
 Finland

PRODUCT: **hot rolled pickled coil** QUALITY: **AMSTRONG®355MC** STANDARD: **AM FCE**
 TERMS OF DELIVERY: **EN 10051 (2010)** **S355MC** **EN 10149-2 (00-09-2013)**

JITZ 1.80

A08.2	B09	B10
ITEM	THICKNES	WIDTH
	mm	mm
4	5.00	1500.00

We certify hereby that the delivery complies with the above mentioned specification.



BREMEN 31.01.2023

QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Kochanowski

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
---	---	-------------------------	--